

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 62-254679

(43)Date of publication of application : 06.11.1987

(51)Int.Cl.

H02P 7/00

B25C 5/15

(21)Application number : 62-096308

(71)Applicant : MAX CO LTD

(22)Date of filing : 21.04.1987

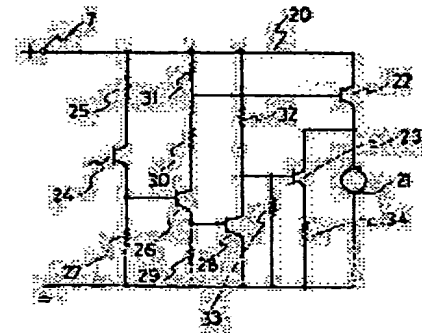
(72)Inventor : MURAYAMA KATSUHIKO

## (54) MOTOR DRIVEN STAPLER

## (57)Abstract:

PURPOSE: To perform the start and abrupt stop of a motor by one switch by controlling a switching circuit in series with a switching circuit parallel to the motor in an interlock type by one semiconductor main switch.

CONSTITUTION: When a main switch sensor 24 receives a drive signal, a start transistor 22 is turned ON through a transistor 26, thereby starting a motor 21. At this time, a stop transistor 23 is always OFF by a transistor 28. Then, when the drive signal of the sensor 24 is interrupted, the transistors 22, 28 are turned OFF. Thus, the transistor 23 is altered to ON state to maintain the ON state, thereby abruptly stopping the motor 21. Even if the motor is rotated by an external mechanical action, a braking state is generated.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office